

a non-conductive central core having a surface that defines a plurality of channels within which the plurality of twisted pairs of conductors are individually disposed;

an outer jacket that maintains the plurality of twisted pairs of conductors in position with respect to the non-conductive central core, the outer jacket being formed of a non-conductive material; and

wherein the unshielded data cable does not include a shield that encloses any of the plurality of conductors and the non-conductive central core.

20. (Amended) The unshielded data cable of claim 19, wherein the non-conductive central core comprises a plurality of fins extending radially outward from a center of the core to at least an outer boundary defined by an outer dimension of the twisted pairs of conductors.

22. (Amended) The unshielded data cable of claim 19, wherein the non-conductive central core comprises four fins, each fin extending radially outward from a center of the core at substantially right angles to at least one other of the four fins.

23. (Amended) The unshielded data cable of claim 19, wherein the non-conductive central core comprises:

at least one of a solid fluoropolymer, a foamed fluoropolymer, foamed polyvinyl chloride, and solid polyvinyl chloride[; and

a filler that renders the central core conductive].

25. (Amended) The unshielded data cable of claim 19, wherein the non-conductive central core comprises a cavity.

29. (Amended) The unshielded data cable of claim 20, wherein the non-conductive central core comprising the plurality of fins is made of a fire resistant plastic.

Please cancel claim 24 without prejudice or disclaimer.